"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

CHESNOKOV, Mitrofan Mitrofanovich; MEL'NIKOV, N.V., otvetstvennyy red.; NIKOLAYEVA, I.N., red.izd-va

[Quarrying granite] Razrabotka granitnykh mestorozhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1958. 142 p. (MIRA 11:6)

1. Chlen-korrespondent AN SSSR (for Mel'nikov)
(Granite industry)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., otvetstvennyy red.; KLIKOVITSKIY, Ya.A., red.izd-va;

[Problems in the theory of the disintegration of rock through the action of explosives] Voprosy teorii razrusheniia gornykh porod deistviem vzryva. Moskva, 1958. 161 p. (MIRA 11:5)

1. Akademiya nauk SSSR. Institut gornogo dela. 2. Chlen-korrespondent AN SSSR (for Mel'nikov)
(Rocks) (Blasting)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

PHASE I BOOK EXPLOITATION 879

Akademiya nauk SSSR. Institut gornogo dela

Voprosy razrabotki mestorozhdeniy poleznykh iskopayemykh (Problems in the Exploitation of Mineral Ore Deposits) Moscow, Izd-vo AN SSSR, 1958. 251 p. 4,000 copies printed.

Resp. Ed.: Mel'nikov, N.V., Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: Grigorash, K.I.; Tech. Ed.: Makuni, Ye.V.

PURPOSE: This book is intended for students and instructors of mining engineering vtuzes and for scientific, engineering and technical personnel engaged in the ore-mining and coal-mining industries.

COVERAGE: The book is a collection of 17 articles written by 18 authors under the direction of Professor Mikhail Ivanovich Agoshkov. It deals with the principles of mining engineering, particularly

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those applied to underground mining, surveys the technology of coal and ore mining, and discusses the most important practical methods of mine exploitation. The book is divided into four parts. Part 1 discusses the general problem of mining, Part 2 underground exploitation of ore deposits, Part 3 underground exploitation of coal deposits, and Part 4 open-cut mining processes. The articles are accompanied by diagrams, tables and bibliographic references.

TABLE OF CONTENTS:

PART I. GENERAL MINING PROBLEMS

Agoshkov, M.I., Corresponding Member of the Academy of Sciences, USSR and Bronnikov, D.M. Certain Economically Advantageous Factors in Mining 5

The authors discuss the analytical-mathematical method of estimating economically advantageous cost of production and the selection of optimum conditions for given industrial factors. This analytical approach has been advocated for many years by Academician A.A.

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MEL'NIKOV, N. V. and SIMKIN, B. A.

"The Usefulness of Applying a Conveying System."

report presented at a Sci.-Tech. Conf. on Improving the Exploitation System in coal Beds, called by Mining Inst, AS USSR, at Prokop'yevsk 20-22 Jan 1958. (Vest. Ak Nauk SSSR,'58, No.4, 105-7, author Lyakhov, G. M.)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

SOV-127-58-10-27/29

AUTHORS: Melnikov, N.V., Corresponding Member of the AS USSR; Krasnikov, A.S., Nikonov, G.P., Potapov, M.G., Simkin, B.A. and Chesnokov, M.M., Candidates of Technical Sciences and Belyayev, A.A., Mining Engineer

TITLE: B.P. Bogolyubov and B.P. Yumatov, "Mining Machines" (B.P. Bogolyubov i B.P. Yumatov, "Gornyye mashiny")

PERIODICAL: Gornyy zhurnal, 1958, Nr 10, pp 78-79 (USSR)

ABSTRACT: This is a review of the above mentioned book.

1. Mining industry--Equipment 2. Literature--USSR

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; MARCHENKO, L.N., kand. tekhn. nauk.

Increasing the useful power of explosives by changing the charge shape. Ugol' 33 no.2:28-32 F '58. (MIRA 11:2)

1. Chlen-korrespondent AN SSSR.
(Coal mines and mining--Explosives)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

SAVCHENKO, Appolon Andreyevich; MEL'NIKOV, N.V., otv.red.; KAUFMAN, A.M., red.izd-va; KONDRAT'YEVA, M.A., tekhn.red.

[New trends in the expansion of open-pit mining in the U.S.S.R.] O novykh napravleniiakh v razvitii otkrytykh razrabotok v SSSR. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1959. 76 p. (MIRA 13:1)

(Strip mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; VINITSKIY, K.Ye., kand.tekhn.nauk; POTAPOV, M.G., kand.tekhn.nauk; USKOV, A.A., red.; POKROVSKIY, M.A., red.; RZHEVSKIY, V.V., red.; SOKOLOVSKIY, M.M., red.; DAVIDENKO, Yu.K., red.; YASTREBOV, A.I., red.; KAUFMAN, A.M., red.izd-va; LOMILINA, L.N., tekhn.red.

[Prospects for the use of rotating excavators in U.S.S.R. open-pit mines] Perspektivy primeneniia rotornykh ekskavatorov na otkrytykh razrabotkakh SSSR. Pod red. N.V.Mel'nikova. Moskva, Ugletekhizdat, 1959. 175 p. (MIRA 12:12)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy nauchno-tekhnicheskiy komitet.
(Excavating machinery) (Strip mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., otv.red.; PARTSEVSKIY, V.N., red.izd-va; KASHINA, P.S., tekhn.red.

[Investigations on systems and techniques of mining coal and ore deposits] Issledovaniia v oblasti sistem i tekhnologii razrabotki ugol'nykh i rudnykh mestorozhdenii. Moskva, 1959. 200 p.
(MIRA 13:1)

1. Akademiya nauk SSSR. Institut gornogo dela. 2. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Mining engineering)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

Melnikov, N.V

14(5) PHASE I BOOK EXPLOITATION SOV/1944

Akademiya nauk SSSR. Institut gornogo dela

Razrabotka problemy vskrytiya i rarabotki mestorozhdeniy polezneykh iskopayemykh (Scientific Problems in Developing and Exploiting Mineral Deposits) Moscow, Izd-vo AN SSSR, 1959. 333 p. 3,000 copies printed.
Errata slip inserted.

Resp. Ed.: N.V. Melnikov, Corresponding Member, USSR Academy of Sciences; Ed.: of Publishing House: Yu.P. Vasil'yev; Tech. Ed.: P.S. Kashina.

PURPOSE: This book is intended for coal and ore mining engineers.

COVERAGE: The collection of articles reports on the results of scientific studies conducted by members of the Institute of Mining Industries of the AN SSSR on problems of developing and exploiting coal and ore deposits. The book is divided into two parts. Part I discusses the development and exploitation of coal deposits, the trends in developing underground and surface exploitation methods, the scientific bases and principles applied in selecting exploitation methods for different natural conditions, the determination of the basic elements in the use of modern mechanized equipments in underground development, and the preparation and exploitation of coal. Part II is devoted to problems in the development and exploitation of ore deposits, the draining and mining methods used in underground exploitation of deposits in the area of the KMA (Kursk Magnetic Anomaly), the open pit mining method used in exploiting the rich KMA ores, the determination of size of ore, and further ore dressing. The book is dedicated to Academician Lev Dmitriyevich Shevyakov, mining engineer. The articles are accompanied by diagrams, tables, and bibliographic references.

TABLE OF CONTENTS:

Scientific Problems (Cont.) SOV/1944

Ogarevich, L.N., V.P. Parusimov, and A.F. Sudoplatov. Summary of Results Obtained in the Exploitation of Thick Flat or Inclined Seams in the Soviet Union and Elsewhere 27

Baynov, N.A. Multiple Deck Exploitation of Shaft Areas Under the Conditions Prevailing in the Prokop'yevsko-Kiselevskiy Region of the Kuzbass, and Ways of Eliminating This 44

Zakharov, A.F. Efficiency and Practical Limits in Using Gravity Waste Filling in Exploitated Coal Seams 54

Gaykov, A.Ye. Conditions for Using Short Stopes in the Karaganda Basin 62

Il'ichevskaya, Ye.I. Hydraulic Coal Recovery (Cleats) 71

Melnikov, N.V. Technical Considerations in Developing Opencut Coal Production 78

Tarnigorov, A.M., and B.A. Rosentretor. Selection of Combined Cutting and Loading Machines for Exploiting Flat Seams of Small and Moderate Thickness 98

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, Nikolay Vasil'yevich; CHESNOKOV, Mitrofan Mitrofanovich, kand.tekhn.nauk; ZHUKOV, V.V., red.izd-va; ALADOVA, Ye.I., tekhn.red.; LOMILINA, L.N., tekhn.red.

[Safety engineering in strip mining] Tekhnika bezopasnosti na otkrytykh gornykh rabotakh. Moskva, Ugletekhizdat, 1959. 421 p. (MIRA 12:7)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Strip mining--Safety measures)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., red.; ASSONOV, V.A., red.; BARON, L.I., red.; DEMIDYUK, kand.tekhn.nauk, red.; DOKUCHAYEV, M.M., gornyy inzh., red.; PETROV, N.G., kand.tekhn.nauk, red.; SOSEDOV, O.O., red.; KHARLAMOV, T.F., red.; MAKSIMOVA, Ye.P., red.; RATNIKOVA, A.P., red.izd-va; SHKLYAR, S.Ya., tekhn.red.; KOROVENKOVA, Z.A., tekhn.red.

[Improvements in boring and blasting operations in the mining industry; transactions of the Scientific and Technical Conference on Boring and Blasting Operations] Trudy Nauchno-tekhnicheskogo soveshchaniya po burovzryvnym rabotam: Sovershenstvovanie buro-vzryvnykh rabot v gornoi promyshlennosti. Pod red. N.V.Mel'nikova. Moskva, Ugletekhizdat, 1959. 443 p. (MIRA 12:4)

1. Nauchno-tekhnicheskoye soveshchaniye po burovzryvnym rabotam, 3d, Moscow, 1958. 2. Chlen-korrespondent AN SSSR (for Mel'nikov). 3. Institut gornogo dela AN SSSR (for Demidyuk). 4. Vsesoyuznyy trest po burovym i vzryvnym rabotam (for Dokuchayev). 5.Vsesoyuznyy nauchno-issledovatel'skiy ugol'nyy institut (for Petrov).
(Boring) (Blasting)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

SHEVYAKOV, L.D., akademik, red.; YERSHOV, N.N., red.; MAN'KOVSKIY, G.I., doktor tekhn.nauk, red.; MEL'NIKOV, N.V., red.; NIKONOV, G.P., red.; TRUPAK, N.G., red.; UNKOVSKAYA, N.F., red.; USKOV, A.A., red.; YERSHOV, N.N., otv.red.; CHEKHOVSKAYA, T.P., red.izd-va; KOROVENKOVA, Z.A., tekhn.red.

[Transactions of the scientific-technological conference on problems of building mining enterprises in mineral deposit areas with difficult hydrogeology and engineering geology conditions] Trudy Nauchno-tekhnicheskogo soveshchaniia po voprosam stroitel'stva i ekspluatatsii gornykh predpriiatii na mestorozhdeniiakh poleznykh iskopaemykh so slozhnymi gidrogeologicheskimi i inzhenerno-geologicheskimi usloviiami. Moskva, Ugletekhizdat, 1959. 510 p. (MIRA 12:12)

1. Nauchno-tekhnicheskoye soveshchaniye po voprosam stroitel'stva i ekspluatatsii gornykh predpriyatiy na mestorozhdeniyakh poleznykh iskopayemykh so slozhnymi gidrogeologicheskimi i inzhenerno-geologicheskimi usloviyami, Moscow, 1957. 2. Institut gornogo dela AN SSSR (for Man'kovskiy, Unkovskaya). 3. Predsedatel' pravleniya Nauchno-tekhnicheskogo gornogo obshchestva (for Uskov).

(Mining engineering) (Mining geology)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

28(1) SOV/118-59-1-12/16

AUTHORS: Mel'nikov, N.V., Corresponding Member of the AS USSR, Vinetskiy, K.E. and Potapov, M.G., Candidates of Technical Sciences.

TITLE: On the Use of Continuous-Motion Equipment in the Open Mining Pits (O primenenii oborudovaniya nepreryvnogo deystviya na otkrytykh gornykh razrabotkakh)

PERIODICAL: Mechanizatsiya i Avtomatizatsiya Proizvodstva, 1959, Nr 1, pp 46-50 (USSR)

ABSTRACT: The authors emphasize the need to establish various systems of rotor excavators, adaptable for use in severe climatic conditions and to design continuous-motion conveyer equipment. They describe the advantages of rotor excavators compared with chain excavators, especially when they are utilized in conjunction with the above-mentioned conveyer equipment. As background information, the authors mention output figures and locations of old coal and ore basins and deposits,

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On the Use of Continuous-Motion Equipment in the Open Mining Pits

and of new basins and deposits to become operative within the next 10 years (table 3 on page 49). These new deposits will need about 408 additional excavators including 312 of the rotor type. Introduction of extensive continuous-motion conveyer equipment can eliminate the need for about 1,000 dump-trucks, a great deal of other transport and equipment and over 1,500 km of railroad tracks. A complex unit of such type, of 3,000 m^3/h capacity, has already been designed by the Novo-Krematorskiy mashinostroitel'nyy zavod (Novo-Kramatorsk Machine Building Plant). Regarding new developments: The Yuzhnyy gornoobogatitel'nyy kombinat (The Southern Ore-Concentration Combine) has been put into service in the Krivoy Rog Basin. Its annual capacity will reach 9,000,000 tons. The Lebedinskiy and the Mikhaylovskiy open coal mines of the Kursk Magnitnaya Anomaliya (Kursk Magnetic Anomaly) will be put into operation in 1960.

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On the Use of Continuous-Motion Equipment in the Open Mining Pits

Their capacity is expected to reach 10,500,000 tons per year. The construction of a new Chernomorskiy Rudnik (Black Sea Mine) of about 5,000,000 tons annual capacity is planned in the area of the Kerch Iron Ore Basin. Soon, open ore pits will be opened in the Lisakovskiy, Sarbayskiy, Kacharskiy and Ayatskiy deposits in the Kazakhskaya SSR. It is estimated that their capacity will exceed 30,000,000 tons per year. Further, open manganese ore pits will be opened up in the Nikopol' Basin; by 1965 they are expected to have produced 70-80% of the whole output of manganese ores obtained in that basin. There are 4 tables, 2 diagrams.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

SOV/127-59-2-1/21

18(5),14(5)
AUTHORS: Mel'nikov, N.V., Man'kovskiy, G.I., Afendikov, N.N., Simkin, B.A.

TITLE: On the Tasks in the Development of the Iron-Ore Industry in the Kursk Magnetic-Anomaly (Zadachi razvitiya zhelezorudnoy promyshlennosti na Kurskoy magnitnoy anomalii)

PERIODICAL: Gornyy zhurnal, 1959, Nr 2, pp 3-5 (USSR)

ABSTRACT: The authors recite a long series of tasks which must be fulfilled in order to complete the development of the mining- and heavy-industry basin of Kursk - Belgorod. The territory to be exploited is about 600 km long and 100 km wide. The deposits are 40 to 60 m thick in the North, 300 to 350 m and even more in the South. The advantages of the local ore are said to be easy recuperation, rich iron contents (69%), low percentage of silica, and in many cases the possibility of using open pits. Iron-ore deposits of the Belgorod areas are estimated to be 15 to 17 billion tons. The Pogrometskaya deposits (in the center

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On the Tasks in the Development of the Iron-Ore Industry in the Kursk Magnetic-Anomaly

of the magnetic anomalies occurring at Novyy Oskol) are said to contain more than 350 million tons. Ore layers in the Lebedinskoye, Mikhaylovskoye, Yuzhno-Lebedinskoye, Stoylenskoye deposits are suitable for open-pit mining. There is much water in the entire KMA (Kursk Magnetic-Anomaly). The stage of operations at several points of the mining area is shortly described, and prospects for operations in the next years or at the end of the running 7-Year-Plan are given. A huge excavator ESh-14/75 is being assembled in the Lebedinskiy open-pit. The access RR as well the power transmission line are already completed in the Mikhaylovskoye area. A table is given showing the estimated deposits, the prospective annual output, the amount of rock to be removed and the strip coefficient at 5 open-pit areas: Lebedinskiy (osnovnoy and yuzhnyy), Stoylenskiy, Mikhaylovskiy, Kurbakinskiy. The Gostishevskoye deposits are said to

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MEL'NIKOV, N.V.

Use open-pit coal mining methods as much as possible. Ugol' 34 no.3:5-7 Mr '59. (MIRA 12:5)

1. Chlen-korrespondent AN SSSR.
(Strip mining) (Coal mines and mining)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

ZAYTSEV, A.P., red.; BORZOV, K.V., red.; BOGUSLAVSKIY, Yu.K., red.; BELOUSOV, V.G., red.; VODAKHOV, L.A., red.; IZRAITEL', S.A., red.; KOL', A.M., red.; LISYUK, S.S., red.; MOISEYEV, S.L., red.; MEL'NIKOV, N.V., red.; MOROZOV, V.P., red.; MUDROV, P.A., red.; POLYAKOVA, Z.K., red.; PODERNI, Yu.S., red.; POLESIN, Ya.L., red.; POKROVSKIY, L.A., red.; SLASTUNOV, V.G., red.; SKURAT, V.K., red.; STRUNIN, M.A., red.; SOKOLOVSKIY, M.M., red.; FEOKTISTOV, A.T., red.; CHESNOKOV, M.M., red.; SHUKHOV, A.N., red.; YAMSHCHIKOV, S.M., red.; BYKHOVSKAYA, S.N., red.izd-va; BERESLAVSKAYA, L.Sh., tekhn.red.

[Unified safety regulations in open-cut mining] Edinye pravila bezopasnosti pri razrabotke mestorozhdenii poleznykh iskopaemykh otkrytym sposobom. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 61 p. (MIRA 13:7)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru. (Strip mining--Safety measures)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., red.; BARON, L.I., prof., doktor tekhn. nauk, red.; MAKSIMOVA, Ye.P., otv. red.; IL'INSKAYA, G.M., tekhn. red.

[Simple explosives, "igdanity"] Vzryvchatye veshchestva prosteishego sostava (igdanity); sbornik statei i materialov. Pod red. N.V.Mel'nikova i L.I.Barona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 238 p. (MIRA 14:8)

1. Akademiya nauk SSSR. Institut gornogo dela. 2. Chlen-korrespondent AN SSSR (for Mel'nikov)

(Explosives)

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SOV/5032

PHASE I BOOK EXPLOITATION

Mel'nikov, Nikolay Vasil'yevich, Boris Aleksandrovich Simkin, Larisa Nikolayevna Marchenko, and Grigoriy Prokof'yevich Demidyuk

Novyye sredstva bureniya i vzryvaniya na otkrytykh razrabotkakh (New Methods of Drilling and Blasting in Open-Pit Mining) Moscow, Gosgortekhizdat, 1960. 189 p. Errata slip inserted. 4,000 copies printed.

Ed. (Title page): N. V. Mel'nikov; Ed. of Publishing House: S. N. Bykhovskaya; Tech. Eds.: A. A. Nadeinskaya and G. M. Il'inskaya.

PURPOSE: This book is intended for technical personnel of the coal and mining industries, scientific workers, and students in schools of mining engineering.

COVERAGE: The book contains detailed information on purportedly new means of well drilling, low-cost explosives, and on

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charge structures designed to improve rock-crushing operations and reduce the cost of blasting. The book is based on practices of the open-pit coal and ore mining and the results of scientific research and experiments carried out at the Institut gornogo dela AN SSSR (IGD AN SSSR) (Mining Institute AS USSR) by the following: B. A. Simkin on well drilling; L. N. Marchenko, under the direction of N. V. Mel'nikov, on the structure of charges; and G. P. Demidyuk and L. N. Marchenko, under the direction of N. V. Mel'nikov and L. I. Baron, on "Igdanits" (a common name, derived from IGD AN, for a series of low-cost explosives based on various mixtures of ammonium nitrate). Ch. I was written by N. V. Mel'nikov, Ch. II by B. A. Simkin, Ch. III by L. N. Marchenko and N. V. Mel'nikov, and Ch. IV by G. P. Demidyuk. There are 10 references, all Soviet.

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MEL'NIKOV, N.V.; VINITSKIY, K.Yu., kand.tekhn.nauk; STAKHEVICH, Ye.B., inzh.

Possibilities for using heavy-duty walking dragline excavators. Mekh.i avtom.proizv. 14 no.10:46-48 O '60. (MIRA 13:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Mel'nikov).
(Excavating machinery)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; VINITSKIY, K.Ye., starshiy nauchnyy sotrudnik; STAKHEVICH, Ye.B., starshiy nauchnyy sotrudnik

Effectiveness of using the new powerful walker draglines in strip mining. Ugol' 35 no.6:50-53 Je 60. (MIRA 13:7)

1. Institut gornogo dela AN SSSR. 2. Chlen- korrespondent AN SSSR (for Mel'nikov).
(Excavating machinery)
(Strip mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; MARCHENKO, L.N., kand.tekhn.nauk

Crushing of Ekibastuz coals. Ugol' 35 no. 12:26-28 D '60.
(MIRA 14:1)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Ekibastuz Basin--Blasting)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; MARCHENKO, L.N., kand.tekhn.nauk

Effect and mechanism of blasting in hard rock. Vzryv. delo no.45: 5-19 '60. (MIRA 14:1)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Blasting) (Blast effect--Testing)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; VINITSKIY, K.Ye., kand.tekhn.nauk; POTAPOV, M.I., kand.-tekhn.nauk

Basic problems of continuous operation in open-pit mines. Gor. zhur. no.9:11-16 S '61. (MIRA 16:7)

1. Institut gornogo dela im. A.A.Skochinskogo, Moskva. 2. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Conveying machinery)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MELNIKOV, N. V., (USSR) Mining Institute, Academy of Sciences USSR, Moscow.

"Influence of Explosive Composition on Blasting Results". (Afternoon session, 22 Feb 61).

report to be submitted for Intl. Symposium on Mining Research, Rolla, Missouri, 22-25 Feb 61.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, Nikolay Vasil'yevich; KOSYREV, Vladimir Ivanovich, gornyy inzh.; ROSTOVTSEV, Aleksandr Fedorovich, gornyy inzh.; CHESNOKOV, Mitrofan Mitrofanovich, kand. tekhn. nauk; BYKHOVSKAYA, S.N., red. izd-va; PROZOROVSKAYA, V.L., tekhn. red.; KONDRAT'YEVA, M.A., tekhn. red.

[Stripping systems] Sistemy otkrytoi razrabotki; spravochnoe posobie. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 373 p. (MIRA 14:12)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Strip mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, Nikolay Vasil'yevich; SIMKIN, Boris Aleksandrovich; DEMIN, Aleksandr Maksimovich; MEN'SHOV, Vasiliy Semenovich; SHEVYAKOV, L.D., akademik, otv. red.; PEVZNER, G.Ye., red. izd-va; SHEVCHENKO, G.N., tekhn. red.

[Principles of new technology and of the mechanization of open-pit mining; developing iron-ore deposits of the Kursk Magnetic Anomaly] Printsipy novoi tekhnologii i mekhanizatsii otkrytykh gornykh rabot; osvoenie zhelezorudnykh mestorozhdenii Kurskoi magnitnoi anomalii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 166 p. (MIRA 14:11)
(Kursk Magnetic Anomaly—Iron mines and mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, Nikolay Vasil'yevich; STAKHEVICH, Ye.B., otv. red.; TER-IZRAEL'YAN, T.G., red. izd-va; PROZOROVSKAYA, V.L., tekhn. red.

[Open-pit mining handbook for the engineer and technician] Spravochnik inzhenera i tekhnika po otkrytym gornym rabotam. Izd.4., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 799 p. (MIRA 15:3)

1. Chlen-korrespondent Akademii nauk SSSR (for Mel'nikov).
(Strip mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MOSIN, M.I.; KATS, G.I.; SHEVYAKOV, L.D., akademik, red.; SHUKHARDIN, S.V., red.; AGOSHKOV, M.I., red.; BORISOV, S.F., red.; BYSTROV, N.M., red.; KISLOV, V.M., red.; KRAKHMALEV, M.K., red.; KUZNETSOV, N.A., red.; MAN'KOVSKIY, G.I., red.; MEL'NIKOV, N.V., red.; POLKOVNIKOV, A.A., red.; POPOV, K.S., red.; CHAYKIN, S.I., laureat Leninskoy premii, red.; GONCHAROVA, Ye.A., tekhn. red.

[Kursk Magnetic Anomaly; history of the discovery study, and commercial development of iron-ore deposits. Collection of documents and materials in two volumes, 1742-1960] Kurskaia magnitnaia anomaliia; istoriia otkrytiia, issledovanii i promyshlennogo osvoeniia zhelezorudnykh mestorozhdenii. Sbornik dokumentov i materialov v dvukh tomakh, 1742-1960. Belgorod, Belgorodskoe knizhnoe izd-vo. Vol.1. 1742-1926. 1961. 417 p. (MIRA 15:3)

(Kursk Magnetic Anomaly--Iron ores)
(Magnetic prospecting)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, Nikolay Vasil'yevich, prof.; KIT, I.K., red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Development of open pit mining in the U.S.S.R.] Razvitie gornoi nauki v oblasti otkrytoi razrabotki mestorozhdenii v SSSR. Izd.2., perer. i dop. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 180 p. (MIRA 14:10)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Mining engineering)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; SIMKIN, B.A., kand.tekhn.nauk; PAKHOMOV, Ye.M., gornyy inzh.

Possibilities of open-pit mining of rich ores and iron quartzites in the Kuznetsk Magnetic Anomaly. Gor. zhur. no. 1:22-25 Ja '61. (MIRA 14:1)

1. Institut gornogo dela AN SSSR, Lyubertsy, Moskovskoy obl.
2. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Kursk Magnetic Anomaly--Iron mines and mining)
(Strip mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; SHEKHMEYSTER, Sh.Ya., gornyy inzh.; MEL'NIKOV, V.N., gornyy inzh.

Plan for strip mining in the Akkermanovka iron ore deposit. Gor. zhur. no.4:14-17 Ap '61. (MIRA 14:4)

1. Institut gornogo dela AN SSSR, Lyubertsy Moskovskoy obl., chlen-korrespondent AN SSSR (for Mel'nikov). 2. Giproruda, Leningrad (for Shekhmeyster). 3. Orsko-Khalilovskiy metallurgicheskiy kombinat (for Mel'nikov).

(Akkermanovka—Iron mines and mining) (Strip mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; MARCHENKO, L.N., kand.tekhn.nauk

Means of further exploiting the energy of explosives. Shakht. stroi. 5 no.6:1-5 Je '61. (MIRA 14:6)

1. Institut gornogo dela imeni A. A. Skochinskogo. 2. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Blasting)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; VINITSKIY, K.Ye., kand. tekhn. nauk; POTAPOV, M.G., kand. tekhn. nauk; Prinimali uchastiye: ZHUKOV, A.A.; KOSYREV, V.I.; SPIRIDONOV, V.I.

Principles of technological layouts for open-pit mines using conveyor haulage exclusively. Mauch. soob. IGD 11:3-16 '61. (MIRA 16:4)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Conveying machinery)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; VINITSKIY, K.Ye., kand.tekhn.nauk; [illegible], M.G., kand. tekhn.nauk

Over-all mechanization of large open pits. Mekh.i avtom. proizv. 15 no.2:30-32 F '61. (MIRA 14:2)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Mining engineering--Technological innovations)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

SISAKYAN, N.M., akademik; MINTS, I.I., akademik; SATPAYEV, K.I.; akademik; FRUMKIN, A.N., akademik; SHEMYAKIN, M.M., akademik; SOBOLEV, S.L., akademik; SHULEYKIN, V.V., akademik; BITSADZE, A.V.; MEL'NIKOV, N.V.; KHVOSTOV, V.M.; ROMASHKIN, P.S.; ABDULLAYEV, Kh.M.; DADYKIN, V.P., doktor biol.nauk; OBOLENTSEV, R.D., doktor khim.nauk; PONOMAREV, B.N.; BLAGONRAVOV, A.A., akademik; ARTSIMOVICH, L.A., akademik; KOSTENKO, M.P., akademik; NALIVKIN, D.V., akademik

Discussion of the report. Vest.AN SSSR 31 no.3:27-47 Mr '61. (MIRA 14:3)

1. AN Kazakhskoy SSSR (for Satpayev). 2. Chleny-korrespondenty AN SSSR (for Bitsadze, Mel'nikov, Khvostov, Romashkin, Abdullayev, Ponomarev).

(Research)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; PROTOD'YAKONOV, M.M., doktor tekhn.nauk

Sixth international symposium on mining research. Vest. AN SSSR 31 no.8:99-100 Ag '61. (MIRA 14:8)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Mining research)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.

Second International Mining Congress. Vest. AN SSSR 31 no.10:120 O '61. (MIRA 14:9)

1. Chlen-korrespondent AN SSSR
(Mining engineering--Congresses)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; ROZENTRETTER, B.A., doktor tekhn.nauk

"Coal mining equipment of the German Federal Republic" by B.F. Bratchenko and others. Reviewed by N.V.Mel'nikov, B.A.Rozentreter. Ugol' 36 no.1:63-64 Ja '61. (MIRA 14:1)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Germany, West—Coal mining machinery)
(Bratchenko, B.F.) (Klorik'ian, S.Kh.) (Khorin, V.N.)
(Bogutskiy, N.V.)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.

B[illegible]ning [illegible] education to a new high level.
[illegible] 36 no.6:3-9 Je '61. (MIRA 14:7)

1. Chlen-korrespondent AN SSSR.
(Mining research)
(Mining engineering)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; KHARCHENKO, A.K.; KUZ'MICH, A.S.; OSTROVSKIY, S.B.; SUDOPLATOV, A.P.

Prospects of the expansion of coal mining in the U.S.S.R. Ugol' 36 no.7:61-62 Jl '61. (MIRA 15:2)
(Coal mines and mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; PROTOD'YAKONOV, M.M., prof., doktor tekhn.nauk

International symposium on research in the field of mining engineering. Ugol' 36 no.10:53-54 O '61. (MIRA 14:12)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Coal mines and mining--Research)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.; NUROK, G.A., prof., doktor tekhn.nauk

Pasic problems in the development of hydraulic equipment mechanization in strip mining. Ugol' 36 no.11:23-25 N '61. (MIRA 14:11)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Strip mining--Hydraulic equipment)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N. V.

Problems of science and industry in developing open-pit mines. Sbor. trud. MISI no.39:9-21 '61. (MIRA 16:4)

1. Chlen-korrespondent AN SSSR.

(Strip mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, Nikolay Vasil'yevich, akademik; VINITSKIY, Konstantin Yefimovich; POTAPOV, Mikhail Gennadiyevich; LIKHTER, B.I., red. izd-va; NOVICHKOVA, N.D., tekhn. red.

[Principles of the continuous process of open-pit ore mining; developing the iron ore deposits of Kustanay Province]Osnovy potochnoi tekhnologii otkrytoi razrabotki mestorozhdenii; osvoenie zhelezorudnykh mestorozhdenii Kustanaia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 174 p. (MIRA 15:9)
(Kustanay Province--Iron mines and mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, Nikolay Vasil'yevich, akademik; SIMKIN, Boris Aleksandrovich, kand. tekhn. nauk; DEMIDYUK, Grigoriy Prokop'yevich, kand. tekhn. nauk; VINITSKIY, Konstantin Yefimovich, kand. tekhn. nauk; STAKHEVICH, Yekaterina Borisovna, inzh.; KRASNIKOV, Aleksey Sergeyevich, kand. tekhn. nauk; CHERNEGOV, Yuriy Aleksandrovich, inzh.; POTAPOV, Mikhail Gennad'yevich, kand. tekhn. nauk; CHESNOKOV, Mitrofan Mitrofanovich, kand. tekhn. nauk; NURMUKHAMEDOVA, V.F., red. izd-va; SHKLYAR, S.Ya., tekhn. red.

[Foreign technique of open-pit mining]Tekhnika otkrytykh gornykh rabot za rubezhom. Moskva, Gosgortekhizdat, 1962. 379 p. (MIRA 16:1)

(Strip mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

DOKUCHAYEV, M.M.; VASIL'YEV, G.A.; DORONICHEVA, L.A.; MEL'NIKOV, N.V., akademik, red.; GOMOZOVA, N.A., red. izd-va; KASIMOV, D.Ya., tekhn. red.; GOL'BERG, T.M., tekhn. red.

[Handbook on drilling and blasting in construction]Spravochnik po burovzryvnym rabotam na stroitel'stve. Moskva, Gosstroiizdat, 1962. 392 p. (MIRA 15:12)

(Boring) (Blasting)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

KUZNETSOV, K.K., prof.; YASTREBOV, A.I., inzh.; PODERNI, Yu.S., inzh.; KLEPIKOV, L.N., red.; TRET'YAKOV, K.M., inzh.; MKRTYCHYAN, A.A., inzh.; SALIKOV, I.A., inzh.; FISH, Ye.A., inzh.; MASTEROV, A.K., inzh.; MEL'NIKOV, N.V., akademik, red.; BYKHOVSKAYA, S.N., red. izd-va; OVSEYENKO, V.G., tekhn. red.; SABITOV, A., tekhn. red.

[Standard plans for mine development and transportation systems] Tipovye proekty sistem razrabotki i transporta na kar'erakh. Pod obshchei red. N.V.Mel'nikova. Moskva, Gosgortekhizdat, Vol.2.[The transportation system in mine; the justification and calculation of standard layouts, elements, and technical and economic indices] Transportnaia sistema razrabotki; obosnovaniia i raschety tipovykh skhem, elementov i tekhniko-ekonomicheskikh pokazatelei. 1962. 462 p. (MIRA 16:2)

1. Moscow. Vsesoyuznyy tsentral'nyy proyektnyy institut po proyektirovaniyu shakhtnogo stroitel'stva kamennougol'noy promyshlennosti.

(Mine haulage) (Strip mining)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.

Problems of mining science and technical methods and equipment. Gor. zhur. no.1:3-7 Ja '62. (MIRA 15:7)

1. Chlen-korrespondent AN SSSR.
(Mining engineering)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V. (Moskva)

Open working is a basis of technical progress in mining. Izv.AN SSSR. Otd.tekh.nauk. Met.i topl. no.4:3-9 Jl-Ag '62. (MIRA 15:8)
(Strip mining)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

KHRUSHCHEV, N.S.; PODGORNYY, N.V.; ZASYAD'KO, A.F.; RUDAKOV, A.P.; KAZANETS, I.P.; SHILIN, A.A.; MEL'NIKOV, N.V.; BURMISTROV, A.A.; SHEVCHENKO, V.V.; MAYAKOV, L.I.; ROZENKO, P.A.; KUZ'MICH, A.S.; ZADEMIDKO, A.N.; BRATCHENKO, B.F.; STRUYEV, A.I.; KRASNIKOVSKIY, G.V.; BOYKO, A.A.; KAGAN, F.Ya.; USKOV, A.A.; VLADYCHENKO, I.M.; TOPCHIYEV, A.V.; DEGTYAREV, V.I.; KHUDOSOVTSEV, N.M.; GRAFOV, L.Ye.; IVANOV, V.A.; KRATENKO, I.M.; GOLUB, A.D.; IVONIN, I.P.; SAVCHENKO, A.A.; ROZHCHENKO, Ye.N.; CHERNEGOV, A.S.; MARKELOV, M.N.; LALAYANTS, A.M.; GAPONENKO, F.T.; POLUEKTOV, I.A.; SKLYAR, D.S.; PONOMARENKO, N.F.; POTAPOV, A.I.; POLYAKOV, N.V.; SUBBOTIN, A.A.; POLSTYANOY, G.N.; TRUKHIN, P.M.; TKACHENKO, A.G.; OSTROVSKIY, S.B.; NYRTSEV, M.P.; DYADYK, I.I.; SHPAN'KO, T.P.; RUBCHENKO, V.P.

Kondrat Ivanovich Pochenkov; obituary. Sov. shakht. 11 no.9: 48 S '62. (MIRA 15:9)

(Pochenkov, Kondrat Ivanovich, 1905-1962)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.

Some characteristics of the distribution of joints in an anticline. Trudy SNIIGGIMSno 27 42-53 '62. (MIRA 16:9)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya.
(Kuznetsk Basin—Folds(Geology))
(Kuznetsk Basin—Folds(Geology))

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.

Primary tasks of mining research. Vest. AN SSSR 32 no.6:69-74 Je '62. (MIRA 15:6)

1. Chlen-korrespondent Akademii nauk SSSR, predsedatel' Gosudarstvennogo komiteta Soveta Ministrov SSSR.
(Mining research)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.

Expand coal production and improve the technical and economic indices of the operations. Ugol' 37 no.8:6-10 Ag '62. (MIRA 15:9)

1. Predsedatel' Gosudarstvennogo komiteta Soveta Ministrov SSSR po toplivnoy promyshlennosti.
(Coal mines and mining)

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(4)

MELNIKOV, N. V., AGOSHKOV, M. I., PROTODYAKONOV, M. M., SUDOPLATOV, A. P., and ZVYAGIN, P. Z.

"On principles of rational development of mining industry in the USSR"

report to be submitted for the United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik; MARCHENKO, L.N., kand.tekhn.nauk

Efficient design of the charge as a method of increasing the usefullness of blasting. Gor.zhur. no.1:45-55 Ja '63.
(MIRA 16:1)

1. Institut gornogo dela im. Skochinskogo.
(Blasting)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, Nikolay Vasil'yevich, akademik; CHESNOKOV, Mitrofan Mitrofanovich, kand. tekhn.nauk; NURMUKHAMEDOVA, V.F., red.izd-va; SABITOV, A., tekhn.red.

[Safety measures in open-pit mining] Tekhnika bezopasnosti na otkrytykh gornykh rabotakh. Izd.2., perer. i dop. Moskva, Gosgortekhizdat, 1963. 382 p. (MIRA 17:2)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik

"Combined transportation in pits" by L.G. Tymovskii.
Gor. zhur. no.10:77-78 O '63. (MIRA 16:11)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik

Fuel-energy balance of the U.S.S.R. and related scientific tasks.
Vest. AN SSSR 33 no.9:33 S '63. (MIRA 16:9)
(Russia--Power engineering) (Research)

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MEL'NIKOV, N.V.

Coal miners are trying to fulfill the seven year plan. Ugol' 38 no.8:5-9 Ag '63. (MIRA 17:11)

1. Predsedatel' Gosudarstvennogo komiteta po toplivnoy promyshlennosti pri Gosplane SSSR; Ministr SSSR.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik

Opening address at the International Congress on Peat. Trof. prom. 40 no.7:4-8 '63. (MIRA 17:1)

1. Predsedatel' Gosudarstvennogo komiteta po toplivnoy promyshlennosti pri Gosplane SSSR.

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MELNIKOV, Nikolay Vasil'yevich

Mining engineering, pr[illegible] expansion of the industry [illegible] sviazi s razvitiem promyshlennost[illegible] 69 p.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, Nikolay Vasil'yevich, akademik; [illegible], Larisa Nikolayevna, kand. tekhn. nauk

Energy of the blast and [illegible] of the crater. Energiia vzryva i konstruktsiia zaryada. Moskva, Izd-vo "Nedra," 1964. 237 p. (MIRA 17:7)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik

Increasing the efficiency of blasting during the breaking down of minerals. Vzryv. delo no.54/11:7-34 '64. (MIRA 17:9)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik

Results of the work of the coal industry for 1963 and objectives for its development and improvement of its technical and economic indecisions. Ugol' 39 no.1:1-5 Ja '64. (MIRA 17:3)

1. Predsedatel' Gosudarstvennogo komiteta po toplivnoy promyshlennosti pri Gosplane SSSR.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

L 27385-65 EEO-2/FSS-2/EWT(1)/EWA(d)/EWA/EED-2/FCS(k)/EWA(c)

AM5003763 BOOK EXPLOITATION S/

Melnikov, Nikolay Vasil'yevich (Academician); Marchenko, Larisa Nikolayevna (Candidate of Technical Sciences)

Blast energy and charge construction (Energiya vzryva i konstruktsiya zaryada) Moscow, Izd-vo "Nedra", 1964. 137 p. illus., biblio. Errata slip inserted. 2300 copies printed. Editor of the publishing house: I. K. Kit; Technical editor: L. N. Lomilina; Proofreader: N. A. Kozlovskaya

TOPIC TAGS: blast, explosive, charge, mining engineering, open pit mining, underground mining

PURPOSE AND COVERAGE: This book was written for engineers and technicians in the mining and coal industries and for scientific personnel and students in mining-engineering and educational institutions. Information is presented briefly concerning the design of charges as a method of blast control permitting an increase in the effectiveness of blasting in the grinding of rocks and in blasting for ejection. The material presented is based on the results of scientific research and experimental work and also on the advanced experience of

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mining, coal-mining, and nonmetallic-mineral open-pit operations. Institutions that have taken the lead in investigating and introducing advanced techniques are Tsentrogipreshakhta and MD im. A. A. Skochinskogo.

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Ch. 2. Investigation of charges of new design - - 29
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Part II. Production experience in the application of charges with air spaces
Ch. 4. Charges for grinding with dispersed air spaces for open-pit operations at ore deposits - - 72
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Ch. 7. Ejection charges with air cavities for open-pit mining operations at mica deposits - - 118
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SUB CODE: ES SUBMITTED: 21Mar64 NR REF SOV: 073

OTHER: 011

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MEL'NIKOV, N.V.; SLEDZYUK, P.Ye.; ZAV'YALOV, S.S.; BUNIN, A.I.; VASIL'YEV, M.V.; NOVOZHILOV, M.G.; ZURKOV, P.E.; IL'IN, M.V.; VILESOV, G.I.; POPOV, S.I.; SANDRIGAYLO, N.F.; SHILIN, A.N.; ZUBRILOV, L.Ye.; TSIMBALENKO, L.N.; VLOKH, N.P.; OMEL'CHENKO, A.N.

Mikhail Lazarevich Rudakov, 1912-1964; an obituary. Gor. zhur. no.9:78 S '64. (MIRA 17:12)

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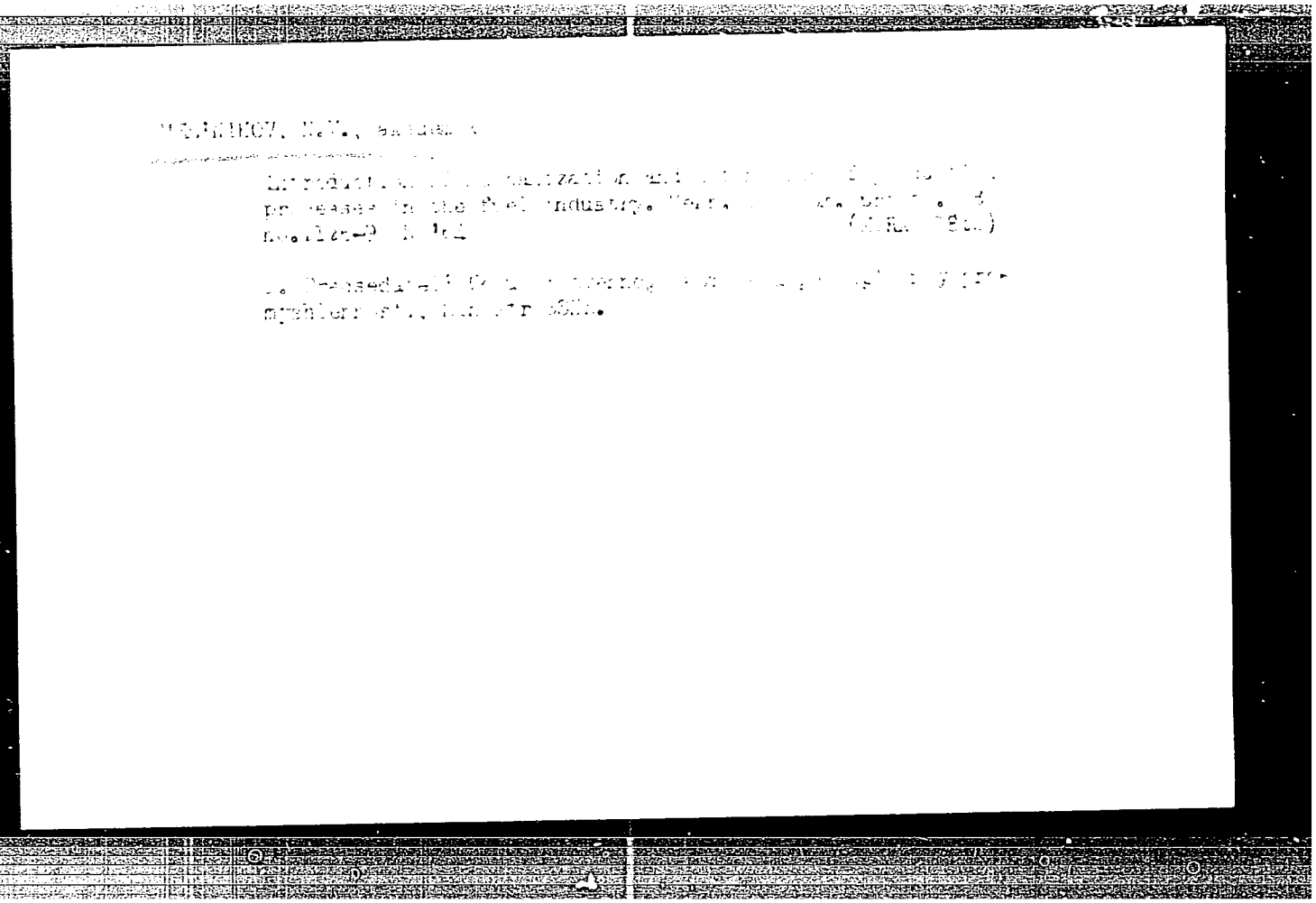
"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103



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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MELNYIKOV, N.V., [Mel'nikov, N.V.]

Soviet mining engineering and its role in developing industries. Bany lap 97 no.8:513-520 Ag '64.

1. Ministr SSSR, predsedatel' Gosudarstvennoy uglepromyshlennoy komissii, chlen AN SSSR.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N. V.

"Coal in the economy of the USSR."

report submitted for 4th Intl Mining Cong, London, 12-16 Jul 65.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik

Scientific research in the field of strip mining. Nauch.soob.IGD 24:5-12 '65. (MIRA 18:10)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

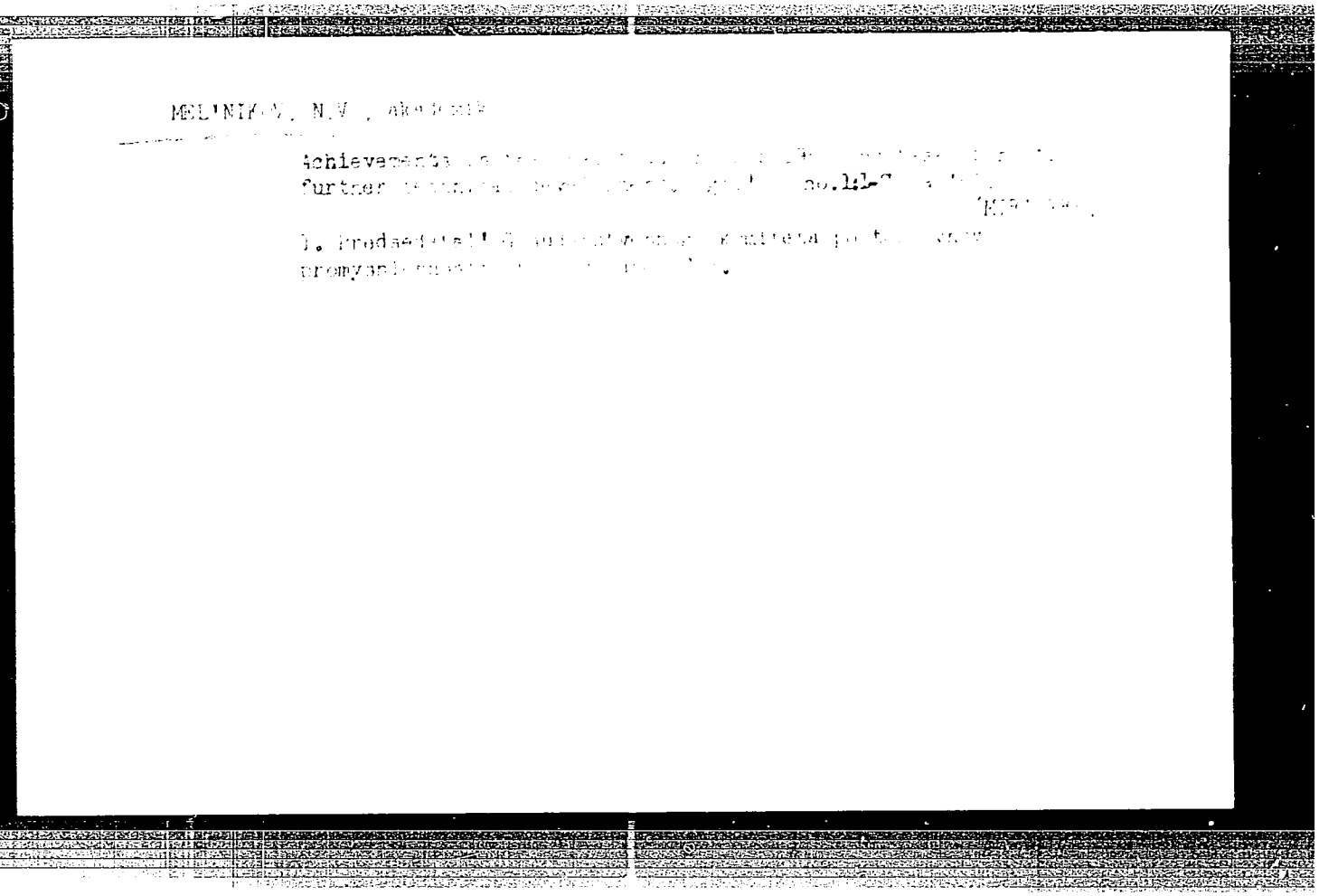
"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik; KHEVSKIY, V.V., prof., doktor tekhn. nauk

For the further development of open-pit mining. Gor. zhur. no.7:
19-22 Jl '65. (MIRA 18:7)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103



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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik; GRAZHDANKOVA, Ye..., red.

[Academician A.A.Skochinskii, noted scientist of mining engineering and technology; report to the Scientific Council of the A.A.Skochinskii Mining Institute, September 23 1964] Vydaiushchiisia deiatel' gornoi nauki i tekhniki akademik A.A.Skochinskii; doklad na Uchenom sovete IGD im. A.A. Skochinskogo, 23 sentiabria 1964 g. Moskva, In-t gornogo dela 1964. 17 p. (MIRA 18:9)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MARCHENKO, Larisa Nikolayevna; MELNIKOV, N.V., akademik, otv. red.; NIKOLAYEVA, I.N., red.

[Increasing the efficiency of blasting operations in extracting minerals] Uvelichenie effektivnosti vzryva pri dobyvanii poleznykh iskopaemykh. Moskva, Nauka, 1965. 221 p. (MIRA 18:8)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

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MEL'N[illegible]

[illegible] in mining engineering. Ugol' [illegible] Je '65. (MIRA 18:7)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V.

Effect of sills on the configuration of folds. Dokl. AN SSSR 165 no.3:643-645 N '65. (MIRA 18:11)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya. Submitted June 18, 1965.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N. V.; MEL'NIKOV, N. N.

"Use of walking draglines for intensive coal and ore mining."

report submitted for Symp on Opencast Mining Quarrying and Alluvial Mining London, 16-19 Nov 64

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N. V.; MEL'NIKOV, N. N.

"Use of walking draglines for intensive coal and oremining."

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MEL'NIKOV, N. V.

Sand

Year-round dragging of gravel and sand from river bottoms.
Mekh. stoi., 9, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

1. MEL'NIKOV, N. V. : ASSONOV, V. A.

2. USSR (600)

4. Boring

7. Urgent tasks in the field of drilling and blasting work. Gor. zhur. no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., inzhener

Crane-beam of decreased height. Mekh.trud.rab.9 no.9:41 S'55.
(Cranes, derricks, etc.) (MLRA 8:12)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

KAL'NITSKIY, Ya.B., kandidat tekhnicheskikh nauk; MEL'NIKOV, N.V., inzhener-konstruktor; BOGORATS, M.I., inzhener-konstruktor.

Standardizing scraper equipment. Gor.zhur. no.4:31-38 Ap '56. (MLRA 9:7)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut Gornometallurgicheskogo tresta.

(Mining machinery)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

AID P - 5075

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 4/26

Author : Mel'nikov, N. V., Eng.

Title : Travelling crane of minimal ground clearance equipped with an electric hoist.

Periodical : Vest. mash., 5, 9-10, My 1956

Abstract : Diagrams of three types of bridge cranes are presented. The author points out the defects of the first two designs, and explains the advantages of the third type of cranes which are very efficient in operation. 3 diagrams.

Institution : None

Submitted : No date

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., inzhener.

Heat exchanger installation and pipe fitting. Sudostroenie 22 no.5: 43 My '56. (MIRA 9:9)
(Heat exchangers) (Marine pipe fitting)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

CHUGUNOV, V.A.; MEL'NIKOV, A.V.

New mining machines of the Kyshtym Mechanical Plant and the All-Union Research Institute of Mining Machinery. Gor.zhur. no.6:51-54 Je '58. (MIRA 10:8)

1.Glavnyy konstruktor Kyshtymskogo mekhanicheskogo zavoda (for Chugunov).
2.Zamestitel' glavnogo konstruktora Vsesoyuznogo nauchno-issledovatel'skogo instituta Gormash (for Mel'nikov).
(Mining machinery)
(Kyshtym--Machinery industry)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

SHEVYAKOV, L.D., akad. otv. red.[deceased]; MEL'NIKOV, N.V., akad., red.; PROTOD'YAKONOV, M.M., prof., doktor tekhn. nauk, otv. red.; MAKARENKO, M.G., red.; TIKHOMIROVA, S.G., tekhn. red.; KYLINA, Yu.V., tekhn. red. ..

[Problems in the mechanization of mining operations] Problemy mekhanizatsii gornykh rabot. Moskva, Izd-vo AN SSSR, 1963. 198 p. (MIRA 16:12)

I. Moscow. Institut gornogo dela.
(Coal mining machinery)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik

Tasks for further increasing labor safety in coal mines.
Ugol' 38 no.1:6-10 Ja '63. (MIRA 18:3)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

MEL'NIKOV, N.V., akademik

Mining engineering school and scientific center of the Urals. Izv.vys. ucheb.zav.;gor.zhur. 7 no.6:124-133 '64. (MIRA 17:12)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

VINITSKIY, Konstantin Yefimovich; REYENTOVICH, Eduard Ivanovich; MEL'NIKOV, N.V., akademik, otv. red.

[Mathematical modeling of parameters of systems of strip-mining deposits] Matematicheskoe modelirovanie parametrov sistem otkrytoi razrabotki mestorozhdenii. Moskva, Nauka, 1965. 85 p. (MIRA 18:6)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

ROZENTRETER, Boris Aleksandrovich; MEL'NIKOV, N.V., akademik, otv. red.; PRIKLONSKIY, A.A., red.

[Aleksandr Mitrofanovich Terpigorev, 1873-1959; essay on his life and work] Aleksandr Mitrofanovich Terpigorev, 1873-1959; ocherk zhizni i deiatel'nosti. Moskva, Nauka, 1965. 182 p. (MIRA 18:6)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001033

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:EL'NIKOV, N.V., akademik

Sixth International Mining Congress held in London, West.
AN SSSR 35 no.12:80 D '65. (MIRA 19:1)

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